

What is claimed is:

1. A Fourier Transform Raman Spectroscopy method for mathematically determining isomers within a chemical composition comprising the steps of:

creating a standard curve;

5 analyzing a chemical sample, wherein the isomeric ratio is determined.

2. The method of claim 1, wherein the chemical sample comprises omeprazole and the ratio comprises a ratio of the 5-methoxy and 6-methoxy isomers of omeprazole on the benzimidazole moiety.

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3. An omeprazole API composition fixed with a ratio of 5-methoxy and 6 methoxy isomers.

4. The omeprazole API composition of claim 3, fixed with a ratio of from
15 about 4 percent or less 5-methoxy and from about 96 percent or more 6-methoxy.

5. The omeprazole API composition of claim 3, fixed with a ratio of from about 9 percent or more 5-methoxy and from about 91 percent or less 6-methoxy.

20 6. An omeprazole API composition having a predetermined ratio of 5-methoxy and 6-methoxy.